

Date: Mon, 6 Dec 93 04:30:46 PST
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>
Errors-To: Ham-Homebrew-Errors@UCSD.Edu
Reply-To: Ham-Homebrew@UCSD.Edu
Precedence: Bulk
Subject: Ham-Homebrew Digest V93 #124
To: Ham-Homebrew

Ham-Homebrew Digest Mon, 6 Dec 93 Volume 93 : Issue 124

Today's Topics:

 2M 10w amp?
 Info Request. Amateur Radio <->PC
 Slow Scan TV on a C= Amiga computer.
 sw-radio coils...question
 W7EL's Optimized rig: saga continues

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 2 Dec 1993 06:03:52 GMT
From: usc!math.ohio-state.edu!uwm.edu!msuinfo!harbinger.cc.monash.edu.au!
bruce.cs.monash.edu.au!trlluna!titan!pcies4.trl.OZ.AU!drew@network.ucsd.edu
Subject: 2M 10w amp?
To: ham-homebrew@ucsd.edu

In article <CH1q8E.BCu@mentor.cc.purdue.edu> blumb@sage.cc.purdue.edu (Bill Blum)
writes:

>From: blumb@sage.cc.purdue.edu (Bill Blum)

>Subject: 2M 10w amp?

>Date: Thu, 25 Nov 1993 11:50:38 GMT

>Well, I have a choice.

>

>I can either shell out the \$\$ to buy a 2m amp for my HT, or I can buy a
>theory book, learn theory, and build one.

>

>Recommendations either way?

>

>--

>Bill Blum N9VLS blumb@sage.cc.purdue.edu Purdue University, W. Lafayette, IN
>Reality is for those who can't handle subscribing to IASFM and Model Railroader

Bill, get a copy of Motorola's "RF Device Data Manual" Vols I and II.
Includes many great Application Notes by Motorola Engineering staff.

Kind Regards, Drew, VK3XU Telecom Australia Research Laboratories.

Date: Fri, 3 Dec 1993 19:26:19 GMT
From: pipex!uknet!bradford.ac.uk!M.Leizaola@uunet.uu.net
Subject: Info Request. Amateur Radio <->PC
To: ham-homebrew@ucsd.edu

A friend of mine has asked me to forward this messages.

Please reply to him via e-mail.
sert91sb@va.anglia.ac.uk

could you please send me a rough design of the amateur radio and if
possible how can I do the data transmission between two PCs using these
amateur radios...

siva

Date: Fri, 3 Dec 1993 16:11:15 GMT
From: pravda.sdsc.edu!usc!howland.reston.ans.net!pipex!uknet!brunel!
kmws-13.brunel.ac.uk!ed92mdw@network.ucsd.edu
Subject: Slow Scan TV on a C= Amiga computer.
To: ham-homebrew@ucsd.edu

Well, my Dad has asked me if he can use my Amiga with it's new digitiser
(Vidi-Amiga 12) to send Slow-Scan TV pictures over the airwaves.

At the moment he's using my old Sinclair Spectrum, but the Amiga can
produce nicer looking graphics and doesn't take five minutes to load
the program and another couple of minutes to load a picture from tape.
You can get Spectrum emulators for the Amiga, but there's no mic socket
on the Amiga to use with the program!

Anyway, any information on programs, any circuits etc.. appricated such exists -

I don't know whether I'll fully understand it but I sure my Dad will.

Thanks,

- Matt.

"It's not fair to have the
same rules for everybody
when we're all different."

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+-----+  
| Matthew Wilson, BA2 D&T with Ed. |  
| Brunel University (Runnymede), |  
| Egham, Surrey, England.      |  
+-----+
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Date: Sat, 4 Dec 1993 06:03:47 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!agate!
iat.holonet.net!pubcon!brian.oakley@network.ucsd.edu
Subject: sw-radio coils...question
To: ham-homebrew@ucsd.edu

i dont think the bar would achieve the same results as the toroid would
in that much of the magnetic flux on a bar type core is outside the
core itself, whereas the flux remains virtually all in the toriod type
core. 73 wb5kxw

Date: 6 Dec 93 04:10:38 GMT
From: ogicse!cs.uoregon.edu!sgiblab!spool.mu.edu!agate!iat.holonet.net!
rohrwerk@network.ucsd.edu
Subject: W7EL's Optimized rig: saga continues
To: ham-homebrew@ucsd.edu

rdewan@casbah.acns.nwu.edu (Rajiv Dewan) writes:

>This is as a follow up on my earlier tale of woe in which I mentioned
>the low VFO output. I thank all, including W7EL, who replied.

<stuff deleted>

>I replaced the receive section of W7EL's Optimized rig with Rick Campbell's
>R1. For a test, I hooked up an antenna and the oscillator (thru the
>buffer) to the SBL-1 mixer in the R1. The receiver seems quite
>insensitive. Only signals S7 or better were audible on the receiver. It
>is quite deaf.

>Rajiv
>aa9ch

1) You sure that's enough oscillator drive?

2) I'm suspicious of that series-pick-off approach to TR switching. I built up the 160 meter transverter from the 1988 ARRL Handbook, and was very dissatisfied with the loss. Now I don't need it because of the way I hooked it to the rig, but when I built up a little 40m transmitter, I used diode TR switching.

John K0JD

End of Ham-Homebrew Digest V93 #124
